Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 24 Jul 2023 until 23:59 on Tuesday 25 Jul 2023

Forecast Issued on Sunday 23 Jul 2023 at 14:12

Confidence: High confidence in overall weather story, but much lower in details and timings of rain and showers.

Headline for Monday 24 Jul 2023: Early low cloud and rain quickly clearing to give a brighter day. Sunny spells and isolated showers through the day.

Mountain weather hazards on Monday 24 Jul 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Cloudy	Partly cloudy (night)
Precipitation probability							
90%	70%	20%	10%	20%	20%	20%	20%

Forecast for Monday 24 Jul 2023

Weather: Persistent heavy rain slowly clears through the early hours, with associated low cloud lingering a while longer, but eventually breaking and lifting through the morning. A much brighter day ahead with plenty of sunny spells. One or two isolated showers possible through the afternoon and evening.

Chance of cloud-free hill tops above 600m: 30% early on, becoming greater than 90% through the morning.

Low cloud and visibility: Widespread low cloud with bases down to 400m across the whole park. Cloud breaking and becoming less extensive through the early hours, lifting to 600M to remain across some higher peaks, before lifting above the summits through the morning. Visibility poor to very poor during the early hours in heavy rain, but quickly improving through the morning to become very good through the rest of the day.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Monday 24 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/30 NE	19/27 NE	18/26 NE	16/22 N	9/14 N	9/14 N	11/16 N	7/11 NW	7/10 SW
300	18/30 NE	15/26 NE	14/23 NE	13/20 N	9/14 N	8/13 N	10/17 NW	6/11 W	5/9 SW
Valley	16/33 NE	15/30 NE	12/25 NE	10/20 NE	7/14 N	7/14 N	9/18 NW	4/11 NW	3/7 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/4	8/4	8/4	9/5	11/9	12/10	11/9	9/8	8/7
300	11/8	11/8	10/8	12/9	14/12	15/13	14/12	12/11	11/10
Valley	11/8	11/8	11/8	13/11	16/14	16/14	15/13	12/12	10/10
Freezing Level*	2600m	2400m	2000m	1700m	1800m	1900m	1900m	1900m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong winds and wet conditions give some treacherous walking conditions early on Monday. Conditions much improved later on, with High UV levels forecast for the afternoon, meaning sun protection is highly recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 23 Jul 2023	27.2mm	51.2mm	55.4mm

Forecast for Tuesday 25 Jul 2023

Weather: A bright and sunny start, before clouding over from midday. Sunny spells and one or two well scattered showers through the afternoon, with showers easing off into the evening.

Maximum wind: Northwesterly 12-18mph, isolated gusts up to 25-30mph during the afternoon and evening.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Cloud forming through the day staying comfortably above the summits. Visibility generally very good, dropping briefly in any showers.

Temperature: **Valleys:** Plus 9 Celsius, rising to Plus 16 Celsius.
At 600m: Plus 8 Celsius, rising to Plus 13 Celsius.
Freezing level: Above summits.

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